

# 28" / 32" Digital 100Hz Dolby Pro-Logic 3D Real Flat



## Product Information

### Picture

- Screen Size : 28" (70 cm)  
32" (82 cm)
- Visible screen size : 28" (66 cm)  
32" (76 cm)
- Picture Tube : Real Flat Black Line S
- 100Hz Digital Scan
- Digital Natural Motion
- Digital Crystal Clear
- Dynamic Auto Focus
- Active Control + Light Sensor
- Colour Transient Improvement (CTI)
- Black stretch and blue stretch
- Widescreen Plus
- Picture Freeze
- Zoom 16x

### Sound

- Sound Power : 60 + 15 W RMS  
: 120 + 30 W Music Power
- Dolby Pro-Logic Surround, 3D Surround
- 6 On Board Speakers, 2 Surround Speakers
- Subwoofer (32" only)
- Graphic Equalizer
- Digital Signal Processing

### Ease of Use Installation

- 100 Preset channels
- Autostore
- Fine Tuning
- Sorting
- Smart ATS and ACI

### Ease of Use Utilisation

- Easy toggle between digital and analogue modes
- Watch Analogue program while recording Digital program
- Top Controls
- Remote Control : RC 2038 (suitable for VCR/SAT/DVD)
- Smart Picture Control : Soft, Natural, Rich, Multimedia, Personal
- Smart Sound Control : Movie, Speech, Music, Personal
- Digital subtitle selection
- Dual I-II
- 6 Widescreen modes : 4:3, Zoom 14:9, Zoom 16:9, Subtitle Zoom, Super Zoom, Widescreen
- Subtitle and Heading shift
- Autoformat/Autoscreen fit (incl. WSSB)
- Smart Clock
- Sleep Timer
- Child Lock
- Picture Tilt Control (32")
- Program List

### Connections

#### Front

- Smartcard reader

#### Side

- S-Video (Y/C) in
- CVBS Video in
- Audio L/R (cinch/RCA) in
- Headphone Jack 3,5 mm out

#### Rear

- Common Interface socket PCMCIA
- Modem V22 jack
- Service RS232
- Euro A/V connector Ext1 (RGB in, CVBS in/out)
- Euro A/V connector Ext2 (RGB in, S-Video in/out)
- Euro A/V connector Ext3 (CVBS in)
- Stereo Audio out (cinch) Constant/Variable level
- Surround sound out (cinches and click-fits)

### Information

- Digital teletext & graphics (MHEG5 decoding)
- Analogue 1200 Page Text level 2.5 with Habit Watch
- Analogue Text Dual Screen
- Analogue Program Information Line
- Digital Electronic Program Guide (EPG) : based on available free-to-air content broadcasted
- Easy Link: Pre-set download, WYSIWYR, One Touch Record

### Reception

#### Digital

- Tuning System : PLL digital tuning
- Tuner : UHF 8MHz
- Aerial Input : 75 ohm Coaxial
- TV System : DVB COFDM 2k/8k
- Stereo System : MPEG-1 layer 2 Stereo

#### Analogue

- Tuning System : PLL digital tuning
- Tuner : VHF, UHF, S-Channel, Hyperband
- Aerial Input : 75 ohm Coaxial
- TV System : See table
- Stereo System : See table
- Video Playback : NTSC 4.43/3.58

### Miscellaneous

- Mains : AC 220-240V +/- 10%
- Power Consumption : Normal Operation 175 W  
0.34 W Stand by
- Set Weight : 28" - 40 kg  
32" - 56 kg
- Weight Incl. Packaging : 28" - 48.4 kg  
32" - 64 kg
- Set Dimension (W x H x D mm) : 28" - 785 x 507 x 495  
32" - 886 x 569 x 546
- Box Dimension : 28" - 898 x 714 x 656  
32" - 996 x 723 x 716
- TV Colour : Iridium (10849)

## Product Highlights

### Digital terrestrial tuner

Integrated tuner for superb digital signal reception through the standard aerial input : high quality digital free-to-air services with better picture and sound quality, without reception noise and disturbances.

### Watch Analogue program while recording Digital Program

Built-in with 2 Tuners (1 Analogue and 1 Digital) provides flexibility in recording function. Watching Analogue programme while recording Digital channel is possible with no compromise.

### Real Flat Black Line S

Philips TV picture tube provides non-distorted picture quality, while offering a wider viewing angle without light reflections. Thanks to the highly pigmented phosphors, the brightness and contrast performance are considerably improved compared to conventional picture tubes.

### 100 Hz Digital Scan

Conventional Televisions show a picture by scanning 50 times per second (50 Hertz). This frequency can be detected by the human eye in the form of a field flickening picture. 100 Hertz sets show a picture by scanning 100 times per second eliminating the field flickening. Philips' Digital Scan doubles the number of field changes thus also eliminating visible line flicker. The result is an absolute stable picture relaxing for your eyes.

### Digital Natural Motion

Building upon 100Hz technology Philips invented Digital Natural Motion to eliminate juddering effects that are visible with moving picture content. Digital Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and movie material (DVD). Smooth motion reproduction and excellent sharpness are the result.

### Digital Crystal Clear

A unique package of picture innovations including Combfilter, Scan Velocity Modulation, Dynamic Contrast, Colour Enhancement and Luminance Transient Processing. Digital Crystal Clear, using 10 bit processing, offers 30% more contrast, natural colours and high level of detail.

### Full Active Control

Active Control automatically analyses, 50 times per second, the incoming signal and adjusts the key picture settings on Sharpness, Digital Noise Reduction, Colour, Contrast and Format. The ambient light sensor adjusts the settings according to the viewing conditions in the room. Active Control thus offers the best possible picture settings any time, any source.

### Dolby Pro-Logic 3D Surround

Using full Dolby Pro-Logic decoding, 3D Surround offers a cinema surround sound experience with integrated centre speaker, and without cables and rear speakers.

### Digital and Analogue Menu System

With easy to use Graphical User Interface and easy menu control of all digital and analogue functions. A/D button on the remote control enables the user to toggle between viewing digital or analogue program.

### Built in Smartcard reader

Easy extension possible to paid program services.

(Analogue TV System and Stereo System table)

version		stereo system						transmission system					
		2CS DK	NICAM DK	2CS BG	NICAM BG	NICAM I	NICAM LL'	PAL BG	PAL DK	PAL I	SECAM BG	SECAM DK	SECAM LL'
28/32DW9625	/05	•	•	•	•	•	•	•	•	•	•	•	•

Predecessor : --  
Chassis : MG  
Introduction : Year 2001

Features and specifications subject to change without notice.

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